

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("20040232952").PN.	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	OFF	2007/08/06 08:39
L2	2427	(KIMURA-HAJIME or KOYAMA-JUN).in.	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/06 08:39
L3	19116	(SEMICONDUCTOR adj ENERGY).as.	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/06 08:39
L4	150029	current adj source	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/06 08:39
L5	2994261	current	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/06 08:39
L6	8351265	control\$4	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/06 08:39

## EAST Search History

L7	104375	output\$4 adj current	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/06 08:39
L8	4888142	chang\$4	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/06 08:39
L9	307029	electrical\$4 near connection	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/06 08:39
L10	2804479	pair	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/06 08:39
L11	319111	(signal or data) adj line	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/06 08:39
L12	4484364	driv\$4	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/06 08:39

## EAST Search History

L13	122399	shift adj register	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/06 08:39
L14	473857	latch\$4	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/06 08:39
L15	2892409	switch\$4	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/06 08:39
L16	25334	analog adj switch\$4	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/06 08:39
L17	562058	light adj (emit\$5 or emission)	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/06 08:39
L18	405071	pixel	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/06 08:39

## EAST Search History

L19	549721	intersect\$4	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/06 08:39
L20	469766	current near flow\$4	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/06 08:39
L21	7948	writ\$4 near period	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/06 08:39
L22	23477	subframe or (sub-frame)	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/06 08:39
L23	13721	display\$4 near period	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/06 08:39
L24	102871	set\$4 near operation	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/06 08:39

### EAST Search History

L25	20433	345/55,60,63,64,67,76,77,78,79,80,82,89,91,92,93,94,95,96,98,99,100,103,204,205,206,208,209,210,211,212,213,690,691.ccls.	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/06 08:39
L26	4041	315/167,168,169.1,169.2,169.3.ccls.	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/06 08:39
L27	11	("6545651" "6693385" "5973661" "20020135313" "6222357" "6310589" "20010048410").PN.	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/06 08:39
L28	2	("6091203").PN.	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	OFF	2007/08/06 08:39
L29	330	L2 and L4	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/06 08:39
L30	172	L2 and L4 and L13 and L14 and L15	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/06 08:39

## EAST Search History

L31	4	("5805123"   "6020865"   "6268842"   "6586888").PN.	US-PGPU B; USPAT; USOCR	OR	ON	2007/08/06 08:39
L32	13	((("6222357") or ("6344843") or ("6473064") or ("20020057244") or ("20030048669") or ("20030156102") or ("20030169250")).PN.	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	OFF	2007/08/06 08:39
L33	11	((("6091203") or ("6229506") or ("6310589") or ("6373454") or ("20010048410") or ("20020135309")).PN.	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	OFF	2007/08/06 08:39
L34	17	("6169528" "6339414" "20020005696" "6522315" "20030098827" "20020024493" "6774574" "20010022565" "20020097213" "20020153844" "20040150591").PN.	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/06 08:39
L35	45	("6229506" "6310589" "6373454" "20010048410" "20020135309" "6091203" "20020057244" "6222357" "6344843" "6473064" "20030048669" "20030128199" "20030169250" "6473064" "0048669" "0128199" "0169250" "6222357" "6344843" "0057244" "6091203" "6229506" "6310589" "6373454" "0048410" "0135309" "20020135309" "6229506" "6091203" "6310589" "6373454" "20010048410" "6057183" "6150877" "6229506" "6501466" "6037888" "6331830" "6465806" "6545652").PN.	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/06 08:39

# EAST Search History

L36	8	("6037888" "6331830" "6465806" "6545652").PN.	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/06 08:39
L37	72	("6229506" "6310589" "6373454" "20010048410" "20020135309" "6091203" "20020057244" "6222357" "6344843" "6473064" "20030048669" "20030128199" "20030169250" "6473064" "0048669" "0128199" "0169250" "6222357" "6344843" "0057244" "6091203" "6229506" "6310589" "6373454" "0048410" "0135309" "20020135309" "6229506" "6091203" "6310589" "6373454" "20010048410" "6057183" "6150877" "6229506" "6501466" "6037888" "6331830" "6465806" "6545652" "20010045932" "6486497" "6091203" "6222357" "20030048669" "6229506" "6310589" "6344843" "6373454" "20020135309" "20010048410" "20020057244" "20030128199" "20030156102" "20030169250" "20030128200" "6473064" "20030156102" "20030062524" "20030058687" "6229506" "20030169250" "20030128199" "6373454" "20020014984" "6498575" "6339391" "6542098" "6809670" "6445322" "6590516" "6525683").PN.	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/06 08:39
L38	15	("20020014984" "6498575" "6339391" "6542098" "6809670" "6445322" "6590516" "6525683").PN.	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/06 08:39

# EAST Search History

L39	104	("6229506" "6310589" "6373454" "20010048410" "20020135309" "6091203" "20020057244" "6222357" "6344843" "6473064" "20030048669" "20030128199" "20030169250" "6473064" "0048669" "0128199" "0169250" "6222357" "6344843" "0057244" "6091203" "6229506" "6310589" "6373454" "0048410" "0135309" "20020135309" "6229506" "6091203" "6310589" "6373454" "20010048410" "6057183" "6150877" "6229506" "6501466" "6037888" "6331830" "6465806" "6545652" "20010045932" "6486497" "6091203" "6222357" "20030048669" "6229506" "6310589" "6344843" "6373454" "20020135309" "20010048410" "20020057244" "20030128199" "20030156102" "20030169250" "20030128200" "6473064" "20030156102" "20030062524" "20030058687" "6229506" "20030169250" "20030128199" "6373454" "20020014984" "6498575" "6339391" "6542098" "6809670" "6445322" "6590516" "6525683" "6091203" "20010033252" "20020033783" "20040008166" "20040008072" "20030214466" "20030214465" "20030218584" "20030132931" "20030090447" "6373454" "6229506" "20040041752" "20030071804" "20030128199" "20030201727" "20040085029" "20040085270" "20030071576" "20030063053" "20030156102").PN.	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/06 08:39
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# EAST Search History

L40	71	("6903712" "6894685" "6894436" "6847193" "6803729" "6778154" "6774878" "6771235" "6714177" "6707438" "6680719" "6617801" "6608448" "6594606" "6587087" "6552703" "6545652" "6501226" "6486607" "6473064" "6376994" "6369786" "6369516" "6369515" "6351255" "6351076" "6339415" "6222323" "5719589" "4652872" "3793628" "3696393").PN.	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/06 08:39
L41	14	(US-20050024303-\$ or US-20040257356-\$ or US-20040222985-\$ or US-20040085029-\$ or US-20040041765-\$ or US-20040041764-\$ or US-20040008072-\$ or US-20030169250-\$ or US-20030156102-\$ or US-20030146888-\$ or US-20030128199-\$ or US-20030071576-\$ or US-20030048669-\$).did. or (US-6091203-\$ or US-6777885-\$ or US-6473064-\$ or US-6590516-\$ or US-6545652-\$ or US-6339391-\$ or US-6331830-\$ or US-6037888-\$ or US-6771235-\$ or US-6714177-\$ or US-6707438-\$ or US-6680719-\$ or US-6501226-\$ or US-6369786-\$ or US-6351255-\$ or US-6351076-\$ or US-6339415-\$ or US-5719589-\$ or US-3696393-\$).did.	US-PGPU B; USPAT	OR	ON	2007/08/06 08:39

## EAST Search History

L42	1	L41 and L13 and L14	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/06 08:39
L43	1353	plural\$3 adj (current adj sources)	US-PGPU B; USPAT	OR	ON	2007/08/06 08:39
L44	19754	L25 or L26	US-PGPU B; USPAT	OR	ON	2007/08/06 08:39
L45	118	L43 and L44	US-PGPU B; USPAT	OR	ON	2007/08/06 08:39
L46	3	("4897639"   "5184114"   "5719589").PN.	US-PGPU B; USPAT; USOCR	OR	ON	2007/08/06 08:39
L47	20	("5923309").URPN.	USPAT	OR	ON	2007/08/06 08:39
L48	4	("5805123"   "6020865"   "6268842"   "6586888").PN.	US-PGPU B; USPAT; USOCR	OR	ON	2007/08/06 08:39
L49	2	("6777885").URPN.	USPAT	OR	ON	2007/08/06 08:39
L50	0	("US6777885B2").PN.	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	OFF	2007/08/06 08:39
L51	2	("6777885").PN.	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	OFF	2007/08/06 08:39

## EAST Search History

L52	15	(US-20050024303-\$ or US-20040257356-\$ or US-20040222985-\$ or US-20040085029-\$ or US-20040041765-\$ or US-20040041764-\$ or US-20040008072-\$ or US-20030169250-\$ or US-20030156102-\$ or US-20030146888-\$ or US-20030128199-\$ or US-20030071576-\$ or US-20030048669-\$).did. or (US-6091203-\$ or US-6777885-\$ or US-6473064-\$ or US-6590516-\$ or US-6545652-\$ or US-6339391-\$ or US-6331830-\$ or US-6037888-\$ or US-6771235-\$ or US-6714177-\$ or US-6707438-\$ or US-6680719-\$ or US-6501226-\$ or US-6369786-\$ or US-6351255-\$ or US-6351076-\$ or US-6339415-\$ or US-5719589-\$ or US-3696393-\$ or US-5923309-\$ or US-6753880-\$).did.	US-PGPU B; USPAT	OR	ON	2007/08/06 08:39
L53	245	((first or "1st") and (second or "2nd")) adj ((shift adj register) and latch).	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/06 08:39

## EAST Search History

L54	254	L53 and65	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/06 08:39
L55	2	("6760005").PN.	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	OFF	2007/08/06 08:39
L56	361	((first or "1st") and (second or "2nd")) adj (((flip adj flop) or latch) and (shift adj register))	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/06 08:39
L57	2	("20010048408").PN.	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	OFF	2007/08/06 08:39
L58	2	("20020054009").PN.	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	OFF	2007/08/06 08:39
L59	0	("2002-207465").PN.	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	OFF	2007/08/06 08:39

## EAST Search History

L60	1	2002-207465	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/06 08:39
L61	1	("0207465").PN.	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	OFF	2007/08/06 08:39
L62	0	("2000-339742A").PN.	JPO	OR	OFF	2007/08/06 08:39
L63	0	("339742A").PN.	JPO	OR	OFF	2007/08/06 08:39
L64	0	2000-339742A	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/06 08:39
L65	4	2000-339742	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/06 08:39
L66	0	("2000-339742").PN.	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	OFF	2007/08/06 08:39

# EAST Search History

L67	0	("339742A").PN.	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	OFF	2007/08/06 08:39
L68	3	2000JP-2000-339742	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/06 08:39
L69	9	(KOYAMA-JUN and TANADA-YOSHIFUMI).in.	JPO	OR	ON	2007/08/06 08:39

# EAST Search History

L70	17	(US-20010048408-\$ or US-20030048669-\$ or US-20030071576-\$ or US-20030128199-\$ or US-20030146888-\$ or US-20030156102-\$ or US-20030169250-\$ or US-20040008072-\$ or US-20040041764-\$ or US-20040041765-\$ or US-20040085029-\$ or US-20040222985-\$ or US-20040257356-\$ or US-20050024303-\$).did. or (US-3696393-\$ or US-5719589-\$ or US-5923309-\$ or US-5990629-\$ or US-6037888-\$ or US-6091203-\$ or US-6310589-\$ or US-6331830-\$ or US-6339391-\$ or US-6339415-\$ or US-6351076-\$ or US-6351255-\$ or US-6369786-\$ or US-6473064-\$ or US-6501226-\$ or US-6545652-\$ or US-6590516-\$ or US-6680719-\$ or US-6707438-\$ or US-6714177-\$ or US-6753880-\$ or US-6771235-\$ or US-6777885-\$).did. or (JP-2002207465-\$).did.	US-PGPU B; USPAT; JPO	OR	ON	2007/08/06 08:39
L71	2	("5990629").PN.	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	OFF	2007/08/06 08:39

## EAST Search History

L72	1	L71 and current and drain and DL	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/06 08:39
L73	1	L71 and shift and (shift adj register)	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/06 08:39
L74	1	L71 and (frame or subframe or (sub adj frame))	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/06 08:39



# EAST Search History

L75	17	(US-20010048408-\$ or US-20030048669-\$ or US-20030071576-\$ or US-20030128199-\$ or US-20030146888-\$ or US-20030156102-\$ or US-20030169250-\$ or US-20040008072-\$ or US-20040041764-\$ or US-20040041765-\$ or US-20040085029-\$ or US-20040222985-\$ or US-20040257356-\$ or US-20050024303-\$).did. or (US-3696393-\$ or US-5719589-\$ or US-5923309-\$ or US-5990629-\$ or US-6037888-\$ or US-6091203-\$ or US-6310589-\$ or US-6331830-\$ or US-6339391-\$ or US-6339415-\$ or US-6351076-\$ or US-6351255-\$ or US-6369786-\$ or US-6473064-\$ or US-6501226-\$ or US-6545652-\$ or US-6590516-\$ or US-6680719-\$ or US-6707438-\$ or US-6714177-\$ or US-6753880-\$ or US-6771235-\$ or US-6777885-\$).did. or (JP-2002207465-\$).did.	US-PGPU B; USPAT; JPO	OR	ON	2007/08/06 08:39
L76	4	((("6369519") or ("5266936")).PN.	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	OFF	2007/08/06 08:39

# EAST Search History

L77	2	("6091203").PN.	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	OFF	2007/08/06 08:39
L78	34	(US-20030146888-\$ or US-20030156102-\$ or US-20030128199-\$ or US-20030048669-\$ or US-20040085029-\$ or US-20030169250-\$ or US-20050024303-\$ or US-20040041765-\$ or US-20040222985-\$ or US-20040257356-\$ or US-20010048408-\$ or US-20040008072-\$ or US-20040041764-\$ or US-20030071576-\$).did. or (US-5990629-\$ or US-6777885-\$ or US-3696393-\$ or US-6590516-\$ or US-6545652-\$ or US-6369786-\$ or US-6351255-\$ or US-6331830-\$ or US-6351076-\$ or US-6707438-\$ or US-6680719-\$ or US-6339391-\$ or US-6771235-\$ or US-6091203-\$ or US-6753880-\$ or US-6501226-\$ or US-6037888-\$ or US-5923309-\$ or US-5719589-\$ or US-6473064-\$ or US-6310589-\$ or US-6714177-\$ or US-6339415-\$).did. or (JP-2002207465-\$).did.	US-PGPU B; USPAT; JPO	OR	ON	2007/08/06 08:39

### EAST Search History

L79	2	("7049991").PN.	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	OFF	2007/08/06 08:39
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-08  
8/6/07